

FACTORS FOR EVALUATION FOR IT SCHEDULE 70 CLOUD COMPUTING SERVICES SIN

NOTE: The automated technical proposal elements will be effective September 1, 2016. In the interim, please complete and submit a separate attachment containing the technical proposal response for SIN 132-40.

SIN 132 40: Technical Evaluation Criteria:

The following technical evaluation factor applies in addition to the standard Schedule 70 evaluation factors outlined in CI-FSS-152 ADDITIONAL EVALUATION FACTORS and related documents and applies solely to the Cloud Computing Services SIN. A template will be provided at the time of solicitation refresh to complete the requested documentation.

A. Cloud Computing Services Adherence to Essential Cloud Characteristics

Within a two page limitation for each cloud service submitted, provide a description of how the cloud computing service meets each of the five essential cloud computing characteristics as defined in National Institute of Standards and Technology (NIST) Special Publication 800-145 and subsequent versions of this publication. This standard specifies the definition of cloud computing for the use by Federal agencies. The cloud service must be capable of satisfying each of the five NIST essential Characteristics as follows:

- On-demand self-service
- Broad network access
- Resource Pooling
- Rapid Elasticity
- Measured Service

Refer to the 'Guidance for Contractors' section of the Terms & Conditions for the Cloud Computing Services SIN for guidance on meeting the NIST characteristics. For the purposes of the Cloud Computing Services SIN, meeting the NIST essential characteristics is concerned primarily with whether the underlying capability of the commercial service is available, whether or not an Ordering Activity actually requests or implements the capability.

B. Cloud Computing Services Deployment Model

For each cloud service submitted, provide a written description of how the proposed service meets the NIST definition of a particular deployment model (Public, Private, Community, or Hybrid), within a one half (1/2) page limitation for each designated deployment model of each cloud service submitted. Multiple deployment model selection is permitted, but at least one model must be indicated. Refer to the 'Guidance for Contractors' section of the Terms &

Conditions for the Cloud Computing Services SIN for guidance on identifying the appropriate deployment model according to the NIST service model definitions.

C. Cloud Computing Services Service Model

For each cloud computing service proposed to be categorized under a specific sub-category (IaaS, PaaS or SaaS), provide a written description of how the proposed service meets the NIST definition of that service model, within a half (1/2) page limitation for each cloud service submitted. Refer to the 'Guidance for Contractors' section of the Terms & Conditions for the Cloud Computing Services SIN for guidance on categorizing the service into a sub-category according to the NIST service model definitions. Note that it is not mandatory to select a sub-category, and therefore this factor for evaluation applies **ONLY** to cloud services proposed to fall under a specific sub-category. If no sub-category is selected, this factor does not need to be addressed. The two other factors ('Adherence to Essential Cloud Characteristics' and 'Cloud Computing Services Deployment Model') apply to all cloud services.